

## **HOLIDAY HOMEWORK 2023-24**

### **MATHEMATICS**

#### **CLASS IX**

- Solve both the sets of periodic I test paper.
- Read axioms and postulates of chapter "Introduction to Euclid's Geometry" and do MCQ in fair note book
- Prepare 20 MCQ from chapter "Coordinate geometry"
- Revise periodic test I chapters.
- Solve ex. 3.1,3.2, 3.3 ( Coordinate Geometry)

#### **ACTIVITY**

#. Plot the coordinates A(2,2) B(-2,2) C(2,4), D (-2,4) and join them with straight lines to produce a figure. Also find the area of figure.

#### **#. Art Integrated Project:**

**Project Title:** Analysis of demographics of Arunachal Pradesh.

#### **Project indicators for analysis:**

1. Total population ( Bar graph)
2. Male Female ratio.(Bar graph)
3. Population by rural and urban (Bar graph).

#### **Class 9th**

##### **English:**

: Project:Adult literacy-Case Study

Read the Chapters of your Course books[Both literature n MCB]

: Practice grammar exercises

: Arunachal Pradesh: English Project-Language n Culture of Arunachal Pradesh

#### **Holiday Homework**

##### **Class- IX**

##### **Subject - Information technology**

1. Make a block diagram of " Communication Cycle " with the use of different shapes given in MS word . Paste it in your notebook
2. Make a PowerPoint presentation on " Advantages and disadvantages of verbal and non verbal .

##### **A.I. project**

Take out printout paste in your notebook.  
Make a PPT on ' AI in our daily life'. Minimum 5 slides.

## **HOLIDAY HOMEWORK**

### **CLASS IX**

#### **\*BIOLOGY\***

- \*\*Read chapters The fundamental unit of life and Tissue
- \*\*Frame 20 MCQs from each chapter and do in biology notebook.
- \*\*Solve all exercises and do question answers of ncert book.
- \*\*Make a Flow chart on the basis of cell organelles structure and functions.
- \*\*Make a model of Plant cell Or Animal cell by using different materials and label it.
- \*\*Make a concept map on the basis of Plant and Animal tissue.

#### **\*CHEMISTRY\***

- \*\*Read chapters Matter around us and . Is matter around us pure?
- \*\*Solve exercises and do question answers of ncert book in notebook.
- \*\*Frame 20 MCQs from each chapter.
- \*\*Prepare a model to demonstrate movement of particles in solids, liquids and gases.
- \*\*Set up an activity based on Tyndall's effect to distinguish Homogeneous and Heterogeneous mixtures.

## **PHYSICS**

- 1.Prepare for periodic test 2
2. Make a model to demonstrate uniform and non uniform motion.

## **ART INTEGRATED PROJECT (SCIENCE) FOR CLASS 9th**

prepare a project file on punch paper and write about characterstics of flora and fauna which are commonly found in Arunachal Pradesh . Paste related pictures.

### **Social science holidays homework.**

- 1) project work (Disaster management) prepare a project file on natural disaster- "earthquake" -it's causes and mitigation along with the case study of Turkey earthquake 2023.
- 2) geography map work. Paste physical maps of India (4 maps) in your notebook and locate the following places. 1)mountain ranges- the Karakoram ,The zaskar ,the Shivalik, the Aravali ,the vindhya ,the Satpura, Western and eastern ghats.
- 2) mountain peaks -K2 ,Kanchenjunga,AnaiMudi
- 3) plateau- Deccan plateau ,chota Nagpur plateau, Malwa plateau ,

4)Coastal plains -Konkan ,Malabar, coromandel ,northern circar  
history map work locate the following major countries of first world war on the outline map of world. 1)Central powers- Germany ,Austria hungry, Turkey ,  
Allied powers -France England, Russia, USA.  
Read chapter 2 of history, civics economics and geography and prepare 20 mcqs from each chapter and write answers in your notebook.

## **Class 9**

### **Sub hindi**

#### **Holiday homework**

- 1) फर्स्ट ऐड बॉक्स बना कर उससे संबंधित कोई पांच चीजे रखिए।
- 2) विराम चिह्नो के प्रकार के नाम लिख कर सभी के दो दो उदाहरण विभिन्न समाचार पत्रों अथवा पत्रिकाओं से काट कर चिपकाएं।
- 3) अरूणांचल प्रदेश की वेश भूषा तथा संस्कृति का परिचय दीजिए।
- 4) त्रिपुरा के जनजीवन तथा वहां की भौगोलिक परिस्थितियों पर एक वीडियो अथवा ppt तैयार कीजिए।